

Work Order ID 150728

Tuesday, August 30, 2016 9:54:44 AM

150728

Page 1

Item ID: D3671-1 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Placard
Start Date: 9/2/2016 Start Qty: 12.00 ***12*** Cust Item ID:
Required Date: 9/16/2016 Req'd Qty: 12.00 ***12*** Customer:
Reference:

Approvals: Process Plan: **DAS 21** Date: **AUG 30 2016** Tooling: Date: Run Start ***NR1***
QC: **9-89** Date: SPC (Y/N): Date: Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D3671	Rev A								
100	PURCHASING	0.00							DAS 13 9-89
100									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: 33501 Make as per Dwg D3671 Red letters (0.100" height) on white adhesive back Possible Manufacture: From 3M 7 mil masking film # 8522CP or Avery IPM # 2031 Possible Supplier: Studio Lettrage Material release note is required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	0.04							
Packaging	Ensure Material Release Note is attached								
120	QC6- Inspect dimensions to drawing	0.00							
120									
QC	Memo	0.00							
Quality Control									

12

AUG 31 2016

12x 50/67-6

(12)

DAS 38 9-89
SEP 07 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																															
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Page 2

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Revision ID: Stop ***NS2***
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Start Date: 9/2/2016 Start Qty: 12.00 ***12*** Cust Item ID:
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Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
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Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: _____	0.00				DAS 6 9-89			
130									
Packaging	Memo	0.02							
Packaging	***ONE YEAR EXPIRED DATE FROM RECEIVING: SEP 07 2017 LOCATION : GA								
140	QC21- Final Inspection - Work Order Release	0.00				DAS 21 9-89			
140									
QC	Memo	0.20							
Quality Control									

DAS
21
9-89
SEP 07 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐			
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Past Expiry Date ☐	☐	Manufacturing Process ☐	OTHER : _____						
Misidentified ☐	☐	Past Due ☐							

Picklist Print

Tuesday, August 30, 2016 9:54:50 AM

Page 1

Work Order ID: 150728

150728

Parent Item: D3671-1

D3671-1

Parent Item Name: Placard

Start Date: 9/2/2016

Required Date: 9/16/2016

Start Qty: 12.00

Required Qty: 12.00

Comments: IPP: A07.11.12 ecn 1019 New issue EC verified by:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D3671-1P

Purchased

No

Each

0.0000

12

D3671-1P

Placard

12x Sp/16-9-6.

DQA: _____ Date: _____



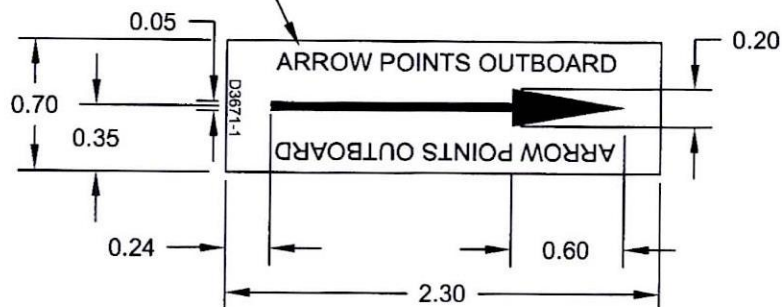
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OTHER : _____																																																															

FONT: ARIAL
COLOUR: RED
HEIGHT: 0.10
WIDTH: 1.8
(2 PLACES)



D3671-1 PLACARD

NOTES:

- 1) MATERIAL: RED ARROW ON WHITE ADHESIVE BACK VINYL
MANUFACTURED FROM 3M 7 MIL MASKING FILM #8522CP
OR AVERY IPM #2031. SIZE IS 2.30" LONG x 0.70" WIDE
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: N/A

160830
150728 MJS
WORK ORDER
WITHOUT NOTICE
SUBJECT TO AMENDMENT
CONTROLLED COPY
ENGINEERING
RETURN TO
SHIP COPY

RELEASED
07.11.08

A	NEW ISSUE	DC	07.08.27
REV.	DESCRIPTION	BY	DATE
DESIGN	DC	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DC		
CHECKED	DC	DRAWING NO.	REV. A
MFG. APPR.	DC	D3671	SHEET 1 OF 1
APPROVED	DC	TITLE	SCALE
DE APPR.	DC	PLACARD	1:1
DATE	07.08.27	COPYRIGHT © 2007 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO33501**

Purchase Order Date 8/31/2016

PO Print Date 8/31/2016

Page Number 1 of 2

Order From :

VC-STU001

Ship To : DART AEROSPACE LTD

STUDIO DE LETTRAGE 2001
210 MAIN WEST
HAWKESBURY, ON K6A 2H6
CA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

AUG 31 2016

E-MAILED

Contact Name

Vendor Phone 613 632 5449

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D3671-1P AS PER DWG D3671 REV. A B150728	Placard	9/6/2016 Yes 9/6/2016		12.00 Each	\$6.67	\$80.00
Line Total:							\$80.00
2	71401-45	PROCUREMENT QUALITY CLAUSES	9/6/2016 No 9/6/2016		1.00	\$0.00	\$0.00
Procurement Quality Clauses A005 RIGHT OF ENTRY A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER) A013 SHELF LIFE CONTROLLED MATERIAL; 80% SHELF LIFE REQUIRED AT RECEIPT A026 CERTIFICATION OF MATERIAL CONFORMANCE A040 NOTIFICATION OF QUALITY ESCAPE A042 DART NOTIFICATION BY SUPPLIER A043 RETENTION OF QUALITY DOCUMENTS							

Note:

8/31/2016

STUD!O

210 Main Street West
Hawkesbury, ON K6A 2H6
Phone # 613-632-2001

Invoice

Date	Invoice #
9/1/2016	42976

Invoice To

Dart Aerospace Ltd
1270 Aberdeen
Hawkesbury
Ontario
K6A 1K7

Ship To

P.O. No.	Terms	Rep	Ship	Via	F.O.B.	Project
33501			9/1/2016			

Quantity	Item	Description	Price Each	Amount
12	4005	D3671-1P. Attn: Chantal Ref: 18581	6.67	80.04

JP 16-9-6

Subtotal \$80.04

Thank you for your business.

Sales Tax \$10.41

Total \$90.45

******CERTIFICATE of CONFORMITY******

Customer:

Studio de Lettrage 2001

Purchase Order N°:

33501

Packing Slip N°:

Part N°:

Serial N°:

Description:

D3671-1P

Quantity:

12

Certification:

We hereby certify that:

1. The above listed items were manufactured, repaired and/or inspected in accordance with applicable drawings and/or specifications;
2. All work was accomplished in accordance with the Dart Aerospace Purchase Order;
3. Results of all inspections, chemical or physical tests, as well as other evidence, which shows the acceptability of raw materials, parts and/or assembly components are on file and available for inspection at any time.

Authority:

Avery

APPROVAL: Valerie Young

Signature:



Title: office administrator

DATE:

Sept. 01. 16

PRODUCT DATA SHEET



Avery® IPM I™ 7112

issued: 15/04/2002

Introduction

Avery IPM I 7112 is a white monomeric calendered removable self-adhesive vinyl for use on the Idanit 162Ad inkjet printer, providing good machine runnability. Because of its cost efficiency and good removability, Avery IPM I 7112 is recommended for a wide range of short term applications on flat substrates requiring easy and clean removal.

Description

Film : 100 micron gloss white monomeric calendered vinyl
Adhesive : **removable**, acrylic based
Backingpaper : kraft paper, 140 g/m²

Conversion

Avery IPM I 7112 is specially developed for use on the Idanit 162Ad and Idanit Novo inkjet printer and has been officially approved by Idanit using BL and Magic inks.

Uses

- Interior & exterior signs.
- Window decoration.
- Temporary promotional and point of sale advertising and all.
- applications to flat or regular surfaces that require removability.

Features

- Good printability and handling on Idanit 162Ad.
- Easy conversion.
- Most economical solution for short term outdoor graphics.
- Easy and clean removal (up to 1 year).



www.averygraphics.com

Graphics Division
Rijndijk 86, P.O. Box 118
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PRODUCT CHARACTERISTICS

Avery® IPM I™ 7112

Physical properties

Features	Test method ¹	Results
Caliper, facefilm	ISO 534	100 micron
Opacity	ISO 2471	92%
Dimensional stability	DIN 30646	0.3 mm max.
Adhesion, initial	FINAT FTM-1, stainless steel	225 N/m
Adhesion, ultimate	FINAT FTM-1, stainless steel	400 N/m
Flammability		Self extinguishing
Shelf life	Stored at 22° C/50-55 % RH	2 years
Removability		up to 1 year*
*Not when applied to: Nitrocellulose paints, ABS, Polystyrene, screenprinting inks (fresh), certain types of PVC		
Durability, unprinted	Vertical exposure	2 years

Temperature range

Features	Results
Minimum application temperature:	≥ 0° C
Temperature range:	- 40 to +100 °C

Important

Information on physical and chemical characteristics is based upon tests we believe to be reliable. The values listed herein are typical values and are not for use in specifications. They are intended only as a source of information and are given without guarantee and do not constitute a warranty. Purchasers should independently determine, prior to use, the suitability of this material to their specific use. All technical data are subject to change.

Warranty

Avery® branded materials are manufactured under careful quality control and are warranted to be free from defect in material and workmanship. Any material shown to our satisfaction to be defective at the time of sale will be replaced without charge. Our aggregate liability to the purchaser shall in no circumstances exceed the cost of the defective materials supplied. No salesman, representative or agent is authorised to give any guarantee, warranty, or make any representation contrary to the foregoing.

All Avery® branded materials are sold subject to the above conditions, being part of our standard conditions of sale, a copy of which is available on request.

1) Test methods

More information about our test methods can be found on our website.

2) Durability

The durability is based on middle European exposure conditions. Actual performance life will depend on substrate preparation, exposure conditions and maintenance of the marking. For instance, in the case of signs facing south; in areas of long high temperature exposure such as southern European countries; in industrially polluted areas or high altitudes, exterior performance will be decreased.



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